

Title (en)

Machine tool for punching sheet metal with stores located underneath the worktable

Title (de)

Werkzeugmaschine zum Stanzen von Blech mit Materiallager unter dem Arbeitstisch

Title (fr)

Machine outil pour l'estampage de tôle avec les moyens de stockage au-dessous dela table de travail

Publication

EP 0841109 B1 20010502 (EN)

Application

EP 97119461 A 19971106

Priority

IT BO960559 A 19961106

Abstract (en)

[origin: EP0841109A1] A machine (1) for punching sheet metal (2), and having a worktable (4) beneath which are located two stores (21, 22) for storing blank and machined sheets (2); over each store (21, 22), the worktable (4) has a respective opening, which is closed selectively by a respective movable closing device (24), which, in the closed position, defines a portion of the worktable (4); over one (21) of the two stores (21, 22), a handling device (35) is provided for partly lifting a blank sheet (2) from the store (21) and over the worktable (4); and, over the other (22) of the two stores (21, 22), a movable stop element (36) is provided for retaining the machined sheet (2) over the respective opening (23) as the respective movable closing device (24) is moved. <IMAGE>

IPC 1-7

B21D 43/20

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP2060358A1; EP1023954A1; CN110773632A; EP1466851A3

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EP 0841109 A1 19980513; **EP 0841109 B1 20010502**; DE 69704695 D1 20010607; IT 1286745 B1 19980717; IT BO960559 A0 19961106; IT BO960559 A1 19980506; US 6216572 B1 20010417

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